

In the Specification

Before the paragraph beginning at page 2, line 5, please add the following new paragraph:

--CROSS REFERENCE TO RELATED APPLICATIONS

A1 This application is directed to subject matter that is related to the subject matter of U.S. Patent Application Serial No. 09/696,758 for "Apparatus and Method for Using a Wearable Personal Computer" filed October 25, 2000 and U.S. Patent Application Serial No. 09/721,091 for "Apparatus and Method for Using a Wearable Computer In Collaborative Applications" filed November 22, 2000.7--

Please delete the paragraph beginning at page 6, line 1 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

A2 Referring to FIGS. 1, 2, and 4, the present invention preferably comprises a probe 1000 that may be stored in a probe case 1200, a general inspection camera 2000 that may be stored in a general inspection camera case 2200, a detailed inspection camera 2500 that may be stored in detailed inspection camera case 2700, a headset 3000 with a head-mounted display ("HMD") 3300, a display unit 4000 preferably stored in a display housing 4200, a computer 5000 preferably stored in a computer housing 5200, a battery 6000 preferably stored in a battery housing 6200, an accessory pouch 7200, and a harness 8000 that may support any or all of the foregoing and/or other components from the body 10 of the person using the present invention. In another embodiment of the present

A2 invention, an infrared camera 2900 may be used in lieu of or in conjunction with detailed inspection camera 2500. If used, infrared camera 2900 can be stored in case 2200.--

Please delete the paragraph beginning at page 10, line 10 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

A3 -- The ViA IIR preferably may be used for computer 5000 because it possesses the following capabilities. The ViA IIR is Microsoft Windows 9X compatible, and currently uses Windows 98 as its operating system. In addition, the ViA IIR is also capable of using Windows NT 4.0 as its operating system. The ViA IIR has an internal PCMCIA slot that may accommodate a 100 mW wireless LAN card and other components. Using, for example, an Aironet wireless communication system, available from Cisco Systems, Inc., 170 West Tasman Drive, San Jose, California, 95134, computer 300 is able to transmit and receive data over a WLAN connection using the IEEE 802.11 protocol. The ViA IIR is modified for use according to the present invention to accommodate two PCMCIA cards. --

Please delete the paragraph beginning at page 16, line 1 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

A4 --As shown in FIG. 2, battery 6000 supplies power to computer 5000 using power cable 6100. Battery 6000 is stored in battery housing 6200, which preferably supports battery 6000 from harness 8000. In a preferred embodiment of the

A4
present invention, battery 6000 is two Molicel ME202BB batteries, available from E-One Moli Energy Limited, North American Sales Office and Production Facility, Maple Ridge, BC, Canada, V2X 9E7. The Molicel ME202BB is preferred because of its high energy density characteristics and thermal resistance. The Molicel ME202BB is the battery that is shipped with the ViA IIB computer. The Energy Access SBS series smart battery charger that is also shipped with the ViA IIB computer is likewise preferred because it uses "smart charging technology" that allows the battery to be charged at various levels of discharge with diminished risk of developing battery "memory" or overcharging the battery. This battery supports Microsoft Windows Power Management, which will display the percentage of power remaining in the battery, can be set to send a warning message when the battery charge is reduced to a certain level, and allows the "hot-swapping" of batteries. In addition, this battery includes a touch sensitive film switch on the battery itself with a relative power indicator.—

Please delete the paragraph beginning at page 20, line 18 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

A5
--In another embodiment of the present invention, detailed inspection camera 2500 preferably is used to collect detailed "snapshots." Detailed inspection camera 2500 preferably is stored in camera storage case 2700 when not in use. Camera storage case 2700 preferably is secured to harness 8000, as will be discussed further below.--

Please delete the paragraph beginning at page 22, line 12 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

Ab --In another embodiment of the present invention, the technician may use infrared camera 2900 to collect real time infrared video imagery and infrared images. These images may be downloaded and annotated in the same manner described above for the images taken with detailed inspection camera 2500. When infrared camera 2900 is used in lieu of detailed image camera 2500, infrared camera can be stored in case 2700. When infrared camera 2900 is used in conjunction with detailed inspection camera 2700, both cameras 2700 and 2900 may be stored in a single large case (not shown) supported from harness 8000 or infrared camera 2900 may be stored in a separate case 2200 that can be supported from harness 8000. Infrared camera 2900 used in this embodiment may be either Heat Find or Video Therm series cameras available from Monroe Infrared Technologies, 62 Portland Road, Suite 6, P.O. Box 1058, Kennebunk, Maine 04043. Other suitable infrared cameras also may be used.--

Please delete the paragraph beginning at page 25, line 20 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

197 --Although not shown in FIGS. 1 or 3, when display unit 4000 is not in use, display unit may be stored in a flat position against the body 10 of the technician by folding a storage flap 4125 inwards towards the body 10 of the technician. A mounting

AT
strip preferably made of hook and pile fastener tape preferably is mounted upon the outer surface of a storage flap 4125 and mounting strip 4220. In addition to hook and piling fastener tape, any suitable fastening means may be used to secure storage flap 4125 to mounting strip 4220 including, without limitation, zippers, buttons, and snaps.--

Please delete the paragraph beginning at page 29, line 18 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.

AS
--Cable conduits 8610, 8620, and 8630 preferably are constructed from two-sided hook and pile fastening tape. One edge of the tape is secured to harness 8000 using stitching or any other suitable fastening means including, without limitation, snaps, buttons, zippers, or clips. The other edge of the tape preferably remains free. The cable to be passed through the conduit preferably is rolled into the tape, enclosing the cable in the conduit. An advantage of using the hook and piling fastening tape in this embodiment is the ability to create an aperture at any point along the conduit to permit the cable to exit the conduit. Corresponding apertures may be made at other location throughout the cable conduits to permit the cables to be appropriately positioned.--

Please delete the paragraph beginning at page 30, line 3 and replace it with the following. A marked-up version of this paragraph showing the changes is attached hereto as Exhibit A.